

Maguire (5) (p. 425) suggested that Nuttall might have reached the White Earth vicinity for *Arnica fulgens*. This is neither necessary nor probable. In traveling along the Missouri in 1945, we did find it most abundant in the high, open coulees in Williams County, but it occurs southward through North Dakota and locally eastward to the central part of the State. In 1943, we were astonished to find it near McCanna (No. 683) in Grand Forks County. There is a specimen in the Brenckle Herbarium collected in western LaMoure County in 1903. I did not succeed in finding it there in 1944, but it easily may have been exterminated by breaking or pasturing of the prairie. Dr. Brenckle writes me that it disappeared soon after he collected it.

- (1) Maximilian's Travels in North America. In Thwaites, Early Western Travels. Vols. 22-25.
- (2) Audubon, J. J. Birds of America, oct. ed., Vol. 7, 1844.
- (3) Stevens, O. A. Audubon's Journey up the Missouri River, 1843. N. D. Hist. Quart. 10: 62-82. 1943.
- (4) Audubon, Maria R. Audubon and his Journals, 2 vols. 1898.
- (5) Maguire, B. A Monograph of the Genus *Arnica*. Brittonia 4: 386-510. 1943.
- (6) Pennell, Francis W. Travels and Scientific Collections of Thomas Nuttall. Bartoniana No. 18: 1-51. 1936.
- (7) Truax, A. L. Manuel Lisa and his North Dakota Trading Post. N. D. Hist. Quart. 2: 240-246. 1928.
- (8) Bradbury's Travels. In Thwaites, Early Western Travels, Vol. 5.

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## POPULUS BALSAMIFERA OF LINNAEUS NOT A NOMEN AMBIGUUM

ERNEST ROULEAU

The binomial *Populus Tacamahacca* Miller has been generally accepted for the northern Balsam Poplar since Farwell published his note (8) on the nomenclature of *Populus balsamifera* Linnaeus. Sargent (36), Rehder (34), Redman (32, 33), Davy (6), Cansdale et al. (3) and Mansfeld (24) have also discussed the question and decided in favor of *Populus Tacamahacca* Mill. instead of *P. balsamifera* L., rejecting the latter as a *nomen ambiguum*. The major argument stressed by these authors for its rejection was the inferred basing of the Linnaean species upon a Catesby collection of *Populus deltoides* Bartram ex Marshall from Carolina. This opinion was not shared by House (12) and Valckenier-